

Substitute for form 1449/PTO

**THIRD SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
*(Use as many sheets as necessary)*

Sheet 1 of 3

*Complete if Known*

Application Number	10/661,218
Filing Date	September 12, 2003
First Named Inventor	Harry BIMS
Art Unit	2419
Examiner Name	Churnet, Dargaye H.

Attorney Docket Number 1875.7300001

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
US1	4,166,927	09-1979	Hamacki		
US2	4,809,257	02-1989	Ganterbein et al.		
US3	5,257,408	10-1993	Olson et al.		
US4	5,440,558	08-1995	Ban		
US5	5,548,837	08-1996	Hess et al.		
US6	5,592,468	01-1997	Sato		
US7	5,862,345	01-1999	Okanoue et al.		
US8	5,923,792	07-1999	Shyu et al.		
US9	6,011,970	01-2000	McCarthy		
US10	6,052,598	04-2000	Rudrapatna et al.		
US11	6,393,261	05-2002	Lewis		
US12	6,420,995	10-2002	Richmond et al.		
US13	6,522,881	02-2003	Feder et al.		
US14	6,622,020	09-2003	Seki		
US15	6,661,782	12-2003	Mustajarvi et al.		
US16	6,674,403	01-2004	Gray et al.		
US17	6,745,049	06-2004	Uchida et al.		
US18	6,839,560	01-2005	Bahl et al.		
US19	6,959,177	10-2005	Ouchi		
US20	7,003,272	02-2008	Mader et al.		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
FP1	WO 2003/061313		07-2003	Bims		
FP2						
FP3						
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FP7						
FP8						
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Sheet	2	of	3	Attorney Docket Number	1875.7300001

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		Number-Kind Code <sup>2</sup> (If Known)	MM-DD-YYYY		
	US21	7,039,017	05-2006	Sherlock	
	US22	7,149,196	12-2006	Bims	
	US23	7,257,378	08-2008	Pinola	
	US24	7,515,557	04-2009	Bims	
	US25	2002/0037719	03-2002	Ariga et al.	
	US26	2002/0055362	05-2002	Aoyama	
	US27	2002/0085719	07-2002	Crosbie	
	US28	2002/0157965	11-2002	Beasley et al.	
	US29	2002/0183096	12-2008	Myr	
	US30	2003/0012168	01-2003	Elson et al.	
	US31	2003/0021250	01-2003	Willins et al.	
	US32	2003/0087629	05-2003	Juitt et al.	
	US33	2003/0119523	06-2003	Bulthuis	
	US34	2003/0120801	06-2003	Keever et al.	
	US35	2003/0146835	08-2003	Carter	
	US36	2003/0228885	12-2003	Hattori et al	
	US37	2004/0152471	08-2004	MacDonald et al.	
	US38	2005/0063347	03-2005	Sarkkinen et al.	
	US39	2005/0221817	10-2008	Pinola	
	US40	2005/0227619	10-2005	Lee et al.	

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US41		2005/0286466	12-2008	Tagg et al.	
US42					
US43					
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Sheet	1	of	1	<i>Attorney Docket Number</i>	1875.7300001

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T <sup>2</sup>
	NPL1	Ali Soheil Sadri: Novel Adaptive Power and Rate Control in Third Generation Wideband CDMA Mobile Systems, under the direction of Dr. Winser Alexander--2000-lib.ncsu.edu.		
	NPL2	Bims, Harry, U.S. Application No. 10/044,512, "Location Tracking in a Wireless Communication System Using Power Levels of Packets Received by Repeaters," filed January 11, 2002.		
	NPL3	Bims, Harry, U.S. Application No. 10/133,804, "Reconfiguration of a Communication System," filed April 25, 2002.		
	NPL4	Bims, Harry, U.S. Application No. 12/379,580, "Reconfiguration of a Communication System," filed February 25, 2009.		
	NPL5	Bims, Harry, U.S. Application No. 11/819,138, "Tracking Multiple Interface Connections by Mobile Stations," filed June 25, 2007.		
	NPL6	Karkhanechi et al., "Voice Quality of Cellular Mobile Phones, IEEE, 3-6 August 1997, pp. 485-488		
	NPL7	Pankaj Goyal. Automatic gain control in burst communications systems. RF design. Feb. 2000, 34-56.		
	NPL8	PCT International Search Report mailed Oct. 27, 2003 for International Application No. PCT/US03/17916 (7 pages).		
	NPL9	Safavi, S. Lopes, L. B. Mogensen, P. E. Frederiksen, F. (Personal, Indoor and Mobile Radio Communications, 1995. PIMRC'95. 'Wireless: Merging onto the Information Superhighway', Sixth IEEE International Symposium on Publication Date: Sep. 27-29, 1995 vol. 3, On p. 1351-Meeting Date: Sep. 27, 1995-Sep. 29, 1995.		
	NPL10	3GPP TS 25.301 V3 6.0 (2000-09): 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Interface Protocol Architecture (Release 1999).		

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